Adding our System Call, incshare

*Defining the system call via **entry.S**, **unistd.h**, and **sys.c** :*

We first needed to define our system-call handling routine via the Entry.s file. We accomplished this by adding the following to linux/arch/i386/kernel/entry.S

We decided to name our system call "incshare," the entry.S implementation is as follows, prefaced by the line number.

```
666                          .long SYMBOL_NAME(sys_incshare)
```

Adding a unistd.h entry

We then added an entry to include/asm-i386/unistd.h and proceeded to add our wrapper function:

```
260                          #define __NR_incshare        259
  .
  .
  .
379                          static inline _syscall0(int,incshare)
```

Finally, we decided that we would add our system call through sys.c. In order to do this, we added the following lines to /kernel/sys.c :

```
1288                         asmlinkage int sys incshare()
1289                         {
  .
  .
  .
1300                         }
```

Benchmarks

Our fastest times.